

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	109568	(david.in. or wu.in.) and approximat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 19:26
S2	85787	S1 and @ad<"20030730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 14:22
S3	2183	S2 and quadrature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:39
S4	1880	S3 and phase\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:40
S5	32	S4 and "708"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:40
S6	0	(david.in. and wu.in.) and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:41
S7	10	(david.in. and wu.in.) and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:41
S8	20081	"708"/\$.ccls. and @ad<"20030730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:43
S9	1343	S8 and (approximat\$3.ti. or approximat\$3.clm. or approximat\$3.ab.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:43
S10	592	S9 and (invers\$3 or reciprocal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:48

S11	66	S10 and quadrature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:43
S12	58	S11 and phase\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:51
S13	202	S8 and approximat\$3 and demodulat\$3 and error\$1 and quadrature and phase\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:52
S14	198	S13 and (frequency or FM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:00
S15	112	S14 and estimat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:54
S16	66	S15 and (invers\$3 or reciprocal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 11:03
S17	402	((FM or (frequency adj modulation)) adj demodulation) and @ad<"20030730" and (approximat\$3 or estimat\$3) and error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 11:04
S18	3	S17 and "708"/\$.cls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 11:11
S19	97	708/502,654.cls. and @ad<"20030730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 11:11
S20	1	S19 and quadrature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 11:12
S21	3	("4893316"   "5623521"   "5757858").PN. OR ("6002726").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 11:13

S22	7720	S8 and (frequency or FM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:00
S23	899	S22 and quadrature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:00
S24	817	S23 and phase\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:00
S25	397	S24 and 708/200,290,300- 323,490,502,650,654-656.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:01
S26	300	S25 and (approximat\$3 or estimat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:02
S27	248	S26 and \$2modulat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:02
S28	207	S27 and error\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:03
S29	120	S28 and gain\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/22 19:06
S30	2	S29 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:05
S31	15	S29 and Fm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:05
S32	3	"7006806".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:17

S33	13	david.in. and chaohua.in. and wu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:19
S34	45	708/502.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:25
S35	11215	((FM or (frequency adj modulat \$3)) and quadrature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:45
S36	183	((FM or (frequency adj modulat \$3)) and quadrature) and "708"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:26
S37	166	S36 and @ad<"20030730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:46
S38	116	S37 and error\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:46
S39	3	("4893316"   "5623521"   "5757858").PN. OR ("6002726").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 10:31
S40	3188	((demodulat\$ or de-modulat\$3 or (de adj modulat\$3)).ti. or (demodulat\$ or de-modulat\$3 or (de adj modulat\$3)).clm. or (demodulat\$ or de-modulat\$3 or (de adj modulat\$3)).ab.) and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:46
S41	2829	S40 and @ad<"20030730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:46
S42	1796	S41 and error\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:47
S43	1133	approximat\$3 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:47

S44	560	S43 and (invers\$3 or reciprocal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:48
S45	177	(FM.ti. or FM.clm. or FM.ab.) and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:48
S46	7	("4787056"   "5629885"   "6298368"   "6301598"   "RE35365").PN. OR ("6463452").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 10:51
S47	3	("4893316"   "5623521"   "5757858").PN. OR ("6002726"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 14:21
S48	549	(sap or (secondary adj audio adj program\$1)) and (FM or (frequency adj modulation))	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 14:22
S49	52	S48 and (band adj pass)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 14:23
S50	38	S49 and @ad<"20030730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 14:22
S51	62	((secondary adj audio adj program\$1)) and (FM or (frequency adj modulation))	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 14:22
S52	50	S51 and @ad<"20030730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/22 19:06
S53	5	S52 and (band adj pass)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 16:00
S54	1	"20030085993"	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 16:00
S55	16	@ad<"20030730" and filter\$3 and (pcm or (pulse adj code adj modulation)) and (sap or (secondary adj audio adj program\$1)) and (fm or (frequency adj modulation))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 20:07
S56	2	"20040006581"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 19:59

S57	2	"20050027771"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 19:59
S58	82	708/300-323.ccls. and @ad<"20030730" and hilbert	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 20:03
S59	4	708/300-323.ccls. and @ad<"20030730" and hilbert and fm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 20:05
S60	53	@ad<"20030730" and (hilbert adj filter\$1) and fm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 20:05
S61	63	@ad<"20030730" and (hilbert adj filter\$1) and (fm or (frequency adj modulation))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 20:05
S62	9	S61 and (pcm or (pulse adj code adj modulation))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 20:10
S63	14	(US-20030085993-\$ or US- 20030162500-\$).did. or (US- 5949821-\$ or US-4893316-\$ or US-6154483-\$ or US-7006806-\$ or US-6002726-\$ or US- 6463452-\$ or US-6370191-\$ or US-6337878-\$ or US-6490727-\$ or US-5357284-\$ or US- 5293633-\$ or US-4866775-\$). did.	US-PGPUB; USPAT	OR	ON	2007/01/20 20:10
S64	9	S62 and (pcm or (pulse adj code adj modulation))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 20:32
S65	16187	((pcm or (pulse adj code adj modulation)).ti. or (pcm or (pulse adj code adj modulation)).clm. or (pcm or (pulse adj code adj modulation)).ab.) and @ad<"20030730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 20:28

S66	689	S65 and (fm or (frequency adj modulation))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 20:32
S67	1	S66 and (sap or (secondary adj audio adj program\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 20:30
S68	200	S66 and filter\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 20:30
S69	1	S68 and "708"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 20:31
S70	2	S66 and "708"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 20:31
S71	328	filter\$3 and "708"/\$.ccls. and @ad<"20030730" and (pcm or (pulse adj code adj modulation))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 20:32
S72	174	filter\$3 and "708"/300-323.ccls. and @ad<"20030730" and (pcm or (pulse adj code adj modulation))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 20:32
S73	135550	24and (fm or (frequency adj modulation))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 20:32
S74	4	S72 and (fm or (frequency adj modulation))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 20:32
S75	0	("2003/0162500").URPN.	USPAT	OR	ON	2007/10/22 18:50
S76	1	(10/083076).APP.	USPAT; USOCR	OR	ON	2007/10/22 18:50

S77	13	("4486897"   "4506228"   "4628539"   "4716589"   "4803700"   "4862099"   "5151926"   "5404405"   "5440269"   "5614862"   "6356598"   "6476878"   "6611571").PN. OR ("7006806").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/22 18:52
S78	8	("4652838"   "5249203").PN. OR ("5404405").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/22 19:02
S79	3303	audio and filter\$1 and modul\$3 and quadrature and @ad<"20030730"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/22 19:05
S80	488	S79 and (pcm or (pulse\$1 adj code\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/22 19:05
S81	77	S80 and hilbert\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/22 19:05
S82	20524	"708"/\$.ccls. and @ad<"20030730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/22 19:06
S83	7949	S82 and (frequency or FM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/22 19:06
S84	927	S83 and quadrature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/22 19:06
S85	842	S84 and phase\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/22 19:06
S86	413	S85 and 708/200,290,300- 323,490,502,650,654-656.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/22 19:06



S87	312	S86 and (approximat\$3 or estimat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/22 19:06
S88	259	S87 and \$2modulat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/22 19:06
S89	217	S88 and error\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/22 19:06
S90	125	S89 and gain\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/22 19:06
S91	70	((secondary adj audio adj program\$1)) and (FM or (frequency adj modulation))	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/22 19:06
S92	52	S91 and @ad< "20030730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/22 19:06
S93	21936	david and wu	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 16:04
S94	5013	S93 and frequency and modulat \$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 16:05
S95	42	S94 and filter and PCM	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 16:05
S96	2	(david and wu).in. and S95	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 16:06

S97	0	chat.xa,xp. and sap	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 16:07
S98	0	(10/284162).APP.	USPAT; USOCR	OR	ON	2008/08/13 16:08
S99	0	("2003/0085993").URPN.	USPAT	OR	ON	2008/08/13 16:08
S100	11	("4652838"   "5249203").PN. OR ("5404405").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/13 16:21
S101	14	("4486897"   "4506228"   "4628539"   "4716589"   "4803700"   "4862099"   "5151926"   "5404405"   "5440269"   "5614862"   "6356598"   "6476878"   "6611571").PN. OR ("7006806"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/13 16:25

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